

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.

Oakland, CA 94607

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July 01, 2009

Contract No. 04-0120F4

04-SF-80-13.2 / 13.9

Self-Anchored Suspension Bridge

Letter No. 05.03.01-004547

Michael Flowers
Project Executive
American Bridge/Fluor, A JV
375 Burma Road
Oakland, CA 94607

Dear Michael Flowers,

Request for Change Order (RFCO) No. 60

The Department has reviewed ABF-CAL-LTR-000950, "Request for Change Order No. 60," dated June 23, 2009. The Department was made aware of the concerns expressed in the letter during meetings held in China at ZPMC on June 23 and 24, 2009. As a result of those discussions, review of the assembly work, and some field testing done at the site, please utilize the following guidelines as applying to the U-rib alignment in lieu of those outlined in the reply to ABF-RFI-1766 and included in State Letter 05.03.01-004301 which accompanied the return of Submittal ABF-SUB-000572R02:

1. Alignment shall continue to be verified using a 2-point survey per U-rib plate (on each side of the U-rib, 50mm below deck plate) per the approved DVP.
2. If the alignment is within the specifications outlined in Special Provision Section 10-1.59, "Structural Steel, Shop Welding," subsection "Design Details", Item G, "Dimensional Tolerances" and:
 - a. if less than 2mm - no shimming is required
 - b. if greater than 2mm and less than 4mm - a shim plate of up to 2mm is required
3. If alignment is out of the Specifications tolerance, but less than 10mm:
 - a. use the reinforced splice plate
 - b. perform a 4 point survey per U-rib plate (2 points at 50mm below deck and another 2 points at the tip of the rib plate)
 - c. use a "stepped" shimming (with a 1mm increment, if necessary), such that the gap does not exceed 4mm at any point prior to bolt tightening.

Alternatively, ABF may propose a solution for this out-of-tolerance condition.

Should alignment be found to be beyond 10mm of misalignment, work shall not continue until the Department approves a repair plan to be submitted by the Contractor.

Based upon the above modifications, a contract change order is no longer warranted.

Sincerely,



GARY PURSELL
Resident Engineer

cc: Rick Morrow
Brian Boal
Gary Lai
Darryl Schram
Scott Fabel

file: 05.03.01, 56.1766, 55.0572